

Application No. 10/087303
Page 2

Amendment
Attorney Docket No. S63.2B-9719-US01

Amendments To The Claims:

Claims 1-20 (Canceled).

Claim 21. (Currently Amended) A medical balloon, wherein the medical balloon has a balloon wall, a contracted condition and is expandable to an expanded condition, wherein, when the medical balloon is in its expanded state, the balloon wall has an inner surface facing inward and an outer surface facing outward, the medical balloon in its contracted condition having a central portion and a plurality of structures extending from the central portion disposed thereabout, each structure comprising a base, wherein the base is a double layer of the balloon wall, a first wing wrapped continuously in a first direction circumferentially away from the base and about the central portion of the balloon to and terminating at a first terminating end and a second wing wrapped continuously in a second direction, opposite the first direction, circumferentially away from the base and about the central portion of the balloon to and terminating at a second terminating end.

Claim 22. (Previously Presented) The medical balloon of claim 21, wherein there are at least three structures extending from the central portion.

Claim 23. (Previously Presented) The medical balloon of claim 22 wherein the first and second wings alternate with one another about the central portion of the balloon.

Claim 24. (Previously Presented) The medical balloon of claim 23, wherein the structures are T-shaped structures extending from the central portion of the balloon.

Claim 25. (Previously Presented) The medical balloon of claim 23 wherein each second wing of the structures is in an overlapping relationship with a first wing of an adjacent structure.

Claims 26-28 (Canceled)

Application No. 10/087303
Page 3

Amendment
Attorney Docket No. S63.2B-9719-US01

Claim 29. (Currently Amended) A medical balloon, wherein the medical balloon has a balloon wall, a contracted condition and is expandable to an expanded condition, wherein, when the medical balloon is in its expanded condition, the balloon wall has an inner surface facing inward and an outer surface facing outward, the medical balloon in its contracted condition having a central portion and a plurality of structures extending from the central portion, the structures each comprising, a base, wherein the base is a double layer of the balloon wall, a first wing extending continuously in a first direction circumferentially away from the base and around the central portion to and terminating at a first terminating end and a second wing extending continuously in a second direction circumferentially away from the base and around the central portion to and terminating at a second terminating end, such that there are a plurality of first wings and a plurality of second wings, wherein the first wings and the second wings extend around the central portion in opposite directions.

Claim 30. (Original) The medical balloon of claim 29 wherein the structures are T-shaped or V-shaped.

Claims 31-38 (Canceled)

Claim 39. (Previously Presented) The medical balloon of claim 21, wherein, when the medical balloon is expanded to its expanded condition, the first wings and second wings disappear.

Claim 40. (Previously Presented) The medical balloon of claim 29, wherein, when the medical balloon is expanded to its expanded condition, the plurality of first wings and the plurality of second wings disappear.

Claim 41. (Currently Amended) ~~A The medical balloon of claim 21, wherein, when the medical balloon is in its contracted condition, each structure extends from the central portion as a double layer of the balloon wall~~ having a balloon wall, a contracted condition and is expandable to an expanded condition, wherein, when the medical balloon is in its expanded state, the balloon

Application No. 10/087303
Page 4

Amendment
Attorney Docket No. S63.2B-9719-US01

wall has an inner surface facing inward and an outer surface facing outward, the medical balloon in its contracted condition having a central portion and a plurality of structures extending from the central portion disposed thereabout, each structure comprising a base, wherein the base is a double layer of the balloon wall, a first wing wrapped continuously in a first direction about the central portion of the balloon to and terminating at a first terminating end and a second wing wrapped continuously in a second direction, opposite the first direction about the central portion of the balloon to and terminating at a second terminating end wherein the base of each of the structures is positioned in the second direction relative to the first terminating end and in the first direction relative to the second terminating end, such that each base of the plurality of structures is positioned circumferentially between the first terminating end and the second terminating of the structure that corresponds to the base.

Claim 42. (Canceled)